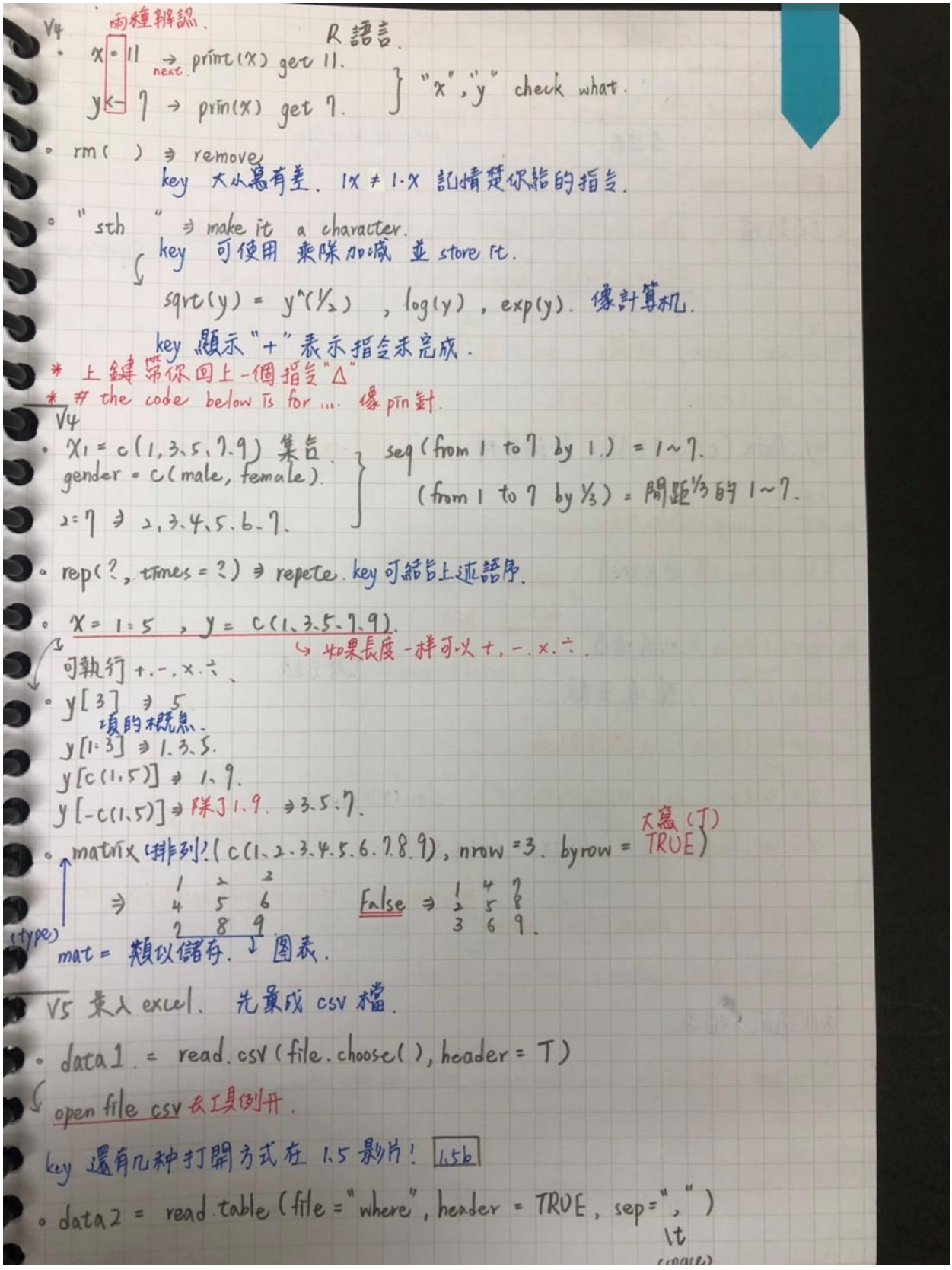
R 語言筆記 國企三 楊修齊 B08704082



V6. ? write.table.

- 從R改 excel.
- write.csv(DataToExport, file = "ExportedFileName.csv", sep = ",")
  要匯出. name of new file
- 不要raw name. , raw.names = F, "")
- 另存新檔: write.csv(DataToExport, file = "/Users/OldMartin/TEACHING/FolderToSaveIn/ExportedFileName.csv", raw.names = F) 新地址 to save

V7.

- dim(Data) 總視 ex. 725, 6. 項
- head(Data). tail(Data).

key Data[c(5.6.7.8.9),_] 調資料 or Data[-(4:722),_] 除了4~722列

V8.

- mean(LungCapData$Age)

直接叫Age項 使R知道: attach(LungCapData) → mean(Age)
(detach 消除

★ name(Data) 叫出項名.
class( ) 對項分類. } levels(name) 怎麼分級.

summary(Data) 大總結數據

- x = c(0,1,1.1,0,0,0,0,0,0) class(x) = numeric.
  x = as.factor(x) class(x) = factor 文字.] summary 不同

V9.

- 只要特定項 → mean(Age[Gender == "female"])
  for represent the meaning of equality in mathematics
- FemData = LungCapData[Gender == "female",_]
  另外抓成小檔案.
- MaleOver15 = LungCapData[Gender == "male" & Age > 15,_]

★
,_ 代表 space 空格.

* Excel 登錄期中R影片的指令.

- aaa = c(1.8.10) 集合.
- bbb = "try" 字元
- ccc = data.frame (col1=c(12,34), col2=c(56,98)) column.

} class 類別不同.

{ key：可用 list(, ,) 整理.

[[ ]] 兩個中括號 = Item.

- library (stringr) 讓 str_ 指令生效.

kk = "abcdefgheijk" 字串.

pp = str_split (kk, "e") 以"e"去分段得出 "abcd", "fgh", "ijk"

extra：寫"h","d"變成2個 Item. (拆h&拆d)

key：空格也会成為字元!

- kk = "John Wang"
  yy = str_split (kk, "_") 分開 John、Wang.
  zz = paste0 ("Marry", yy[1][2]) 合成 Marry Wang.
- library (pdftools)